

FORM PTO-1619A/B

U.S. Department of Commerce
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PATENT**RECORDATION FORM COVER SHEET
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Attorney Docket No.: 051278

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
 Document ID No.
☐ Correction of PTO Error
 Reel No. Frame No.
☐ Corrective Document
 Reel No. Frame No.

Conveyance Type

- ☒ Assignment
☐ Change of Name
☐ License
☐ Merger
☐ Security Agreement
☐ Other: _____

Conveying Party(ies) ☐ Mark if additional names are attached
NAME

Xiaoyun Jiang
 Chinchuan Andrew Chiu
 Shuxue Quan

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

8/11/2006

8/11/2006

8/11/2006

Receiving Party(ies) ☐ Mark if additional names are attached

Name: QUALCOMM Incorporated
 A Delaware Corporation
Address: 5775 Morehouse Drive
Address: San Diego, California, 92121-1714

Correspondence Name and Address

Name: QUALCOMM Incorporated (PTO Customer No. 23696)
 Attn: Patent Department
Address: 5775 Morehouse Drive
Address: San Diego, California 92121-1714

Telephone Number: (858) 651-1179
Facsimile: (858) 658-2502

Pages (Enter the total number of pages of the attached conveyance document including any attachments)

Total number of pages: two

Application Number(s) or Patent Number(s)

If this document is being filed together with a new application, the execution date of the application is:

Patent Application Number(s):

11/377,086

Patent Number(s):

Number of Properties (Enter the total number of properties involved)

Total number of properties: one

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40

Method of Payment: ☐ Enclosed ☒ Deposit Account (A duplicate of this sheet is enclosed for fee processing)

Deposit Account Number: 17-0026

Authorization to charge additional fees: ☒ Yes ☐ No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

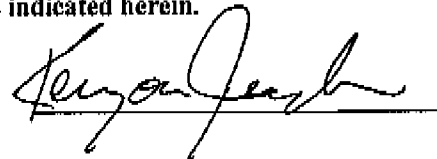
Date: 8/17/06

Name: Timothy F. Loomis, Reg. No. 37,383
 858-845-8355

/BY

KENYON JENCKES
 REG. NO. 41,873

Signature:



FOR OFFICE USE ONLY

CH \$40.00 170026 11377086

ASSIGNMENT**TO WHOM IT MAY CONCERN:**

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

1. **Xiaoyun Jiang**, a citizen of China P.R., having a place of residence at 11321 East San Raphael Driveway, San Diego, Ca 92130;
2. **Chinchuan Andrew Chiu**, a citizen of the United States, having a place of residence at 10885 Autillo Way, San Diego, Ca 92127; and
3. **Shuxue Quan**, a citizen China P.R., having a place of residence at 11321 E San Raphael Drwy., San Diego, Ca 92130;

have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto **QUALCOMM Incorporated**, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to a **LINE OR TEXT-BASED IMAGE PROCESSING TOOLS** by me co-devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **May 17, 2006**, and assigned U.S. Serial Number **11/436,470**, and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said

ASSIGNMENT


invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

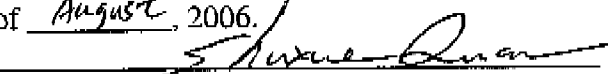
Done at San Diego, California this 11th day of August, 2006.


Xiaoyun Jiang

Done at San Diego, California this 11th day of August, 2006.


Chinchuan Andrew Chiu

Done at San Diego, California this 11th day of August, 2006.


Shuxue Quan